

AMENDMENTS TO THE CLAIMS

Claim 1. (canceled)

Claim 2. (currently amended) An electronic map apparatus comprising:

data fetching means for fetching map data from media for storing said map data to be displayed as a map;

a display device for displaying said map in a perspective view in accordance with said map data; and

a microcomputer for processing display data of a circle or an arc which is an equidistant curve from a center at a specified point on said map and links points on said perspective view at a constant distance corresponding to actual road distances from said center equal to those on said map,

wherein, when said map is displayed on said display device in said perspective view, said circle or said arc of equidistant curve is displayed on the basis of said circle's or said arc's display data processed by said microcomputer being superimposed on said map displayed on said display device in a perspective view, and a corresponding distance from the center of said circle or said arc of equidistant curve is displayed in a plane view;

wherein said microcomputer processes data of a plurality of circles or arcs representing different geographical distances from said center and the circles or arcs are each superposed on said map displayed in a perspective view;

wherein said microcomputer outputs numbers each indicating a geographical distance from said center to one of said circles or said arcs and displays each of said

numbers at a location in close proximity to the circumference of said circle or said arc with a geographical distance thereof indicated by said number;

wherein said microcomputer changes contraction of a map displayed on said display device in a perspective view and modifies said geographical distances from said center to said circles or said arcs and the number of said circles or said arcs in accordance with a degree of contraction of said map.

Claims 3-5. (canceled)

Claim 6. (original) An electronic map apparatus according to claim 2, wherein: said electronic map apparatus is a navigation apparatus mounted on a vehicle; said specified point is the position of said vehicle; map data of a map including said position of said vehicle is read out from said media; and said map is displayed in a perspective view in accordance with said map data read out from said media.

Claim 7. (original) An electronic map apparatus according to claim 2, wherein said specified point is a point on a map specified by a user.

Claim 8. (previously presented) An electronic map apparatus according to claim 2, wherein said map is displayed in a perspective view, and a character or a symbol representing a direction is displayed at said specified point.

Claim 9. (currently amended) An electronic map display method comprising the steps of:

fetching map data from predetermined media for storing said map data to be displayed as a map;

displaying said map on a display device in a perspective view in accordance with said map data; and

displaying a circle or an arc, which is an equidistant curve from a center at a specified point on said map and links points on said perspective view at a constant distance corresponding to actual road distances from said center equal to those on said map, and displaying a corresponding distance from the center of said circle or said arc of equidistant curve in a plane view;

wherein a plurality of circles or arcs representing different geographical distances from said center and the circles or arcs are each displayed on said map displayed in a perspective view;

wherein numbers each indicating a geographical distance from said center to one of said circles or said arcs are displayed at a location in close proximity to the circumference of said circle or said arc;

wherein said geographical distances from said center to said circles or said arcs and the number of said circles or said arcs are changed in accordance with a degree of contraction of said map.

Claims 10-12. (canceled)

Claim 13. (original) An electronic map display method according to claim 9, wherein: the position of a vehicle on which a navigation apparatus is mounted is specified as said specified point; map data of a map including said position of said vehicle is read out from said media; and said map is displayed in a perspective view in accordance with said map data read out from said media.

Claim 14. (original) An electronic map display method according to claim 9, wherein a point on a map is specified by a user as said specified point.

Claim 15. (original) An electronic map display method according to claim 9, wherein said map is displayed in a perspective view, and a character or a symbol representing a direction is displayed at said specified point.

Claim 16. (previously presented) The electronic map apparatus according to claim 2, wherein a plurality of said circle or said arc is displayed so that the constant distance for each equidistant curve corresponding to actual road distance is changed in accordance with the perspective of the map being displayed on the display device in said perspective view.

Claim 17. (previously presented) The electronic map display method according to claim 9, wherein a plurality of said circle or said arc is displayed so that the constant distance for each equidistant curve corresponding to actual road distance is changed in accordance with the perspective of the map being displayed on the display device in said perspective view.